ADVANTECH **iHealthcare**

iPS-M100 Hot-Swappable Mobile Power System

Specially Designed for Mobile Care Solutions

Advantech's iPS-M100 is a mobile power system equipped with two hot-swappable power modules that can support a range of mobile care devices. The provision of hot-swappable capabilities enables care providers to replace the battery without turning off the device, greatly reducing system interruptions and downtime. The system can also be integrated with an optional battery charging station to ensure a reliable 24-hour power supply.
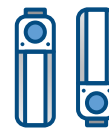
24hr

24-hr Reliable Power Supply

1.9KG
Lightweight and Portable

High-Quality Battery
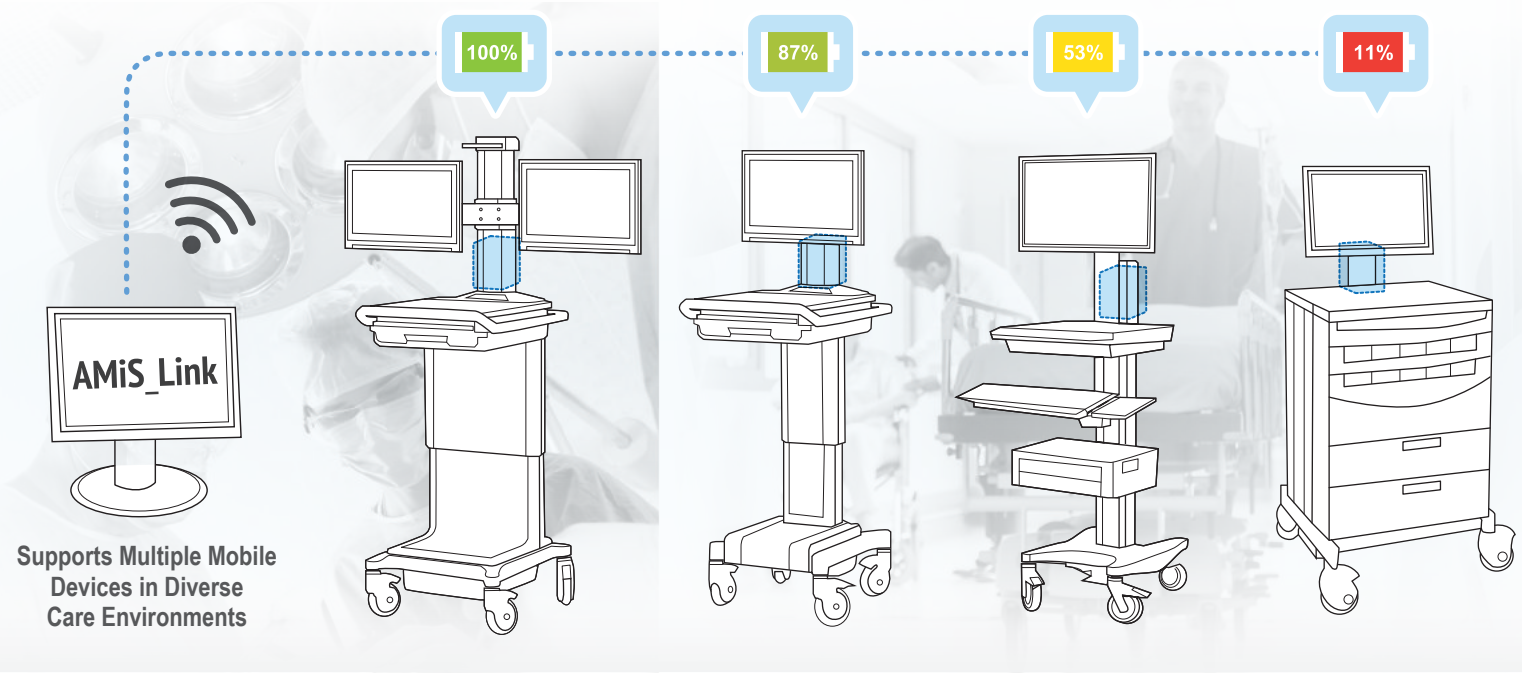
Built-In USB

Non-direction Insert Design

Remote Management Software

Applications

Advantech's intelligent power system can support multiple mobile workstations within a hospital environment and be remotely controlled using AMiS_Link.

AMiS_Link

AMiS_Link is an intelligent power management software developed by Advantech for remotely conducting battery management tasks, such as configuring a low battery alarm, battery temperature, charge/discharge voltage and cycle times, as well as current and accumulated discharge times.

100%   87%   53%   11%

AMiS_Link

Supports Multiple Mobile Devices in Diverse Care Environments

Specifications

Power System	Power Module Battery Type	Lithium-ion
	Power Capacity	200 W (2 x 100W power modules)
	Power Module Lifespan	500 cycles at more than 70% capacity
	Charge Time	0 ~ 80% in 2.5 hours using 2 power modules
	Weight	7 kg (with 2 power modules)
	DC Output Voltage	System mode: 19 V±5% (Max. 4.73 A)
	LED Indicators	Discharging LED: Green when operational Capacity LED: 30% < green ≦ 100% 10% < orange ≦ 30% 0% < flashing red ≦ 10%
I/O Ports	DC Output Interface	DC jack (4-pin mini-DIN connector with lock)
	USB	5V 1A *2
	Communication Interface	RS-232 (RJ45 type)
Function Keys	Power Button	Battery power button with LED indicator
Charger	External Charger Module (Optional)	AC input 100 ~ 240 VAC, 50 ~ 60 Hz DC output 19 V/7.89A
Environment	Vibration	5 ~ 500 Hz 1 G
	Cooling System	Fanless
	Water Resistance	IPX1, IP67-rated DC output connector
Physical Characteristics	Dimensions	Battery: 126 x 50.4 x 266.5 mm (L x W x H) System: 303 x 139 x 210 mm (L x W x H)
	Weight	7.3 kg (with 1 adapter and 2 power modules)
	Certifications	EN60601-1-2: 2014
Power Manager Software	AMiS_Link	Battery capacity indicator Alerts (battery capacity, temperature, warning) Charging cycle statistics Log file and reports Client and server (CMS) installation Multi-language support, including Traditional Chinese, Simplified Chinese, English, German, and Dutch
Warranty		12 months